Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07039-322001Application No.
09/972,809**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

Applicant
Sundeep Khosla et al.Filing Date
October 5, 2001Group Art Unit
1653TECH CENTER 1600/1600
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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
JR	AA	5,187,151	02/16/93	Clark et al.	514	3	
JR	AB	5,569,648	10/29/96	Lewis et al.	514	12	
JR	AC	5,681,818	10/28/97	Spencer et al.	514	12	
JR	AD	5,998,369	12/07/99	Khosla et al.	514	12	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JR	AE	0 259 904 A1	03/16/88	EPO				
JR	AF	WO 98/50428	11/12/98	PCT				
JR	AG	WO 01/30811	05/03/01	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
JR	AH	Adams et al., <u>Endocrine Society</u> , 1997 Meeting, p. 496, Abstract P3-240
JR	AI	Agarwal et al., "Sequence Analysis, Expression and Chromosomal Localization of a Gene, Isolated From a Subtracted Human Retina cDNA Library, That Encodes an Insulin-like Growth Factor Binding Protein (IGFBP2)," <u>Exp. Eye Res.</u> , 1991, 52(5):549-561
JR	AJ	Arai et al., "Binding of Insulin-Like Growth Factor (IGF) I or II to IGF-Binding Protein-2 Enables It to Bind to Heparin and Extracellular Matrix," <u>Endocrinology</u> , 1996, 137(11):4571-4575
JR	AK	Bell et al., "Sequence of a cDNA clone encoding human preproinsulin-like growth factor II," <u>Nature</u> , 1984, 310:775-777
JR	AL	Beyer et al., "Case Report - Idiopathic Acquired Diffuse Osteosclerosis in a Young Woman," <u>J. Bone Mineral Res.</u> , 1990, 5(12):1257-1263
JR	AM	Conover, "A Unique Receptor-independent Mechanism by which Insulinlike Growth Factor I Regulates the Availability of Insulinlike Growth Factor Binding Proteins in Normal and Transformed Human Fibroblasts," <u>J. Clin. Invest.</u> , 1991, 88:1354-1361
JR	AN	Conover, "The Role of Insulin-like Growth Factors and Binding Proteins in Bone Cell Biology," <u>Principles of Bone Biology</u> , 1996, 43:607-618
JR	AO	Diamond and Depczynski, "Acquired Osteosclerosis Associated with Intravenous Drug Use and Hepatitis C Infection," <u>Bone</u> , 1996, 19(6):679-683
JR	AP	Duguay et al., "Post-translational Processing of the Insulin-like Growth Factor-2 Precursor," <u>J. Biol. Chem.</u> , 1998, 273(29):18443-18451
JR	AQ	Dull et al., "Insulin-like growth factor II precursor gene organization in relation to insulin gene family," <u>Nature</u> , 1984, 310:777-781

Examiner Signature

Jeffrey E. Russel

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JR	AR	Durham et al., "Regulation of Insulin-like Growth Factor Binding Protein 4 by a Specific Insulin-like Growth Factor Binding Protein 4 Proteinase in Normal Human Osteoblast-like Cells: Implications in Bone Cell Physiology," <u>J. Bone Mineral Res.</u> , 1994, 9(1):111-117
JR	AS	Ebeling et al., "Short-Term Effects of Recombinant Human Insulin-Like Growth Factor I on Bone Turnover in Normal Women," <u>J. Clin. Endocrinol. Metab.</u> , 1993, 77(5):1384-1387
JR	AT	Ghiron et al., "Effects of Recombinant Insulin-like Growth Factor-I and Growth Hormone on Bone Turnover in Elderly Women," <u>J. Bone Mineral Res.</u> , 1995, 10(12):1844-1852
JR	AU	Glaser and Kaplan, "Osteoporosis -- Definition and Clinical Presentation," <u>SPINE</u> , 1997, 22(24S):12S-16S
JR	AV	Harris et al., "Development and Characterization of a Conditionally Immortalized Human Fetal Osteoblastic Cell Line," <u>J. Bone Mineral Res.</u> , 1995, 10(2):178-186
JR	AW	Hassager et al., "Basal and Regulated Secretion of Insulin-Like Growth Factor Binding Proteins in Osteoblast-Like Cells is Cell Line Specific," <u>J. Clin. Endocrinol. Metab.</u> , 1992, 75(1):228-233
JR	AX	Hassoun et al., "Hepatitis C - associated Osteosclerosis: An Unusual Syndrome of Acquired Osteosclerosis in Adults," <u>Am. J. Med.</u> , 1997, 103(1):70-73
JR	AY	Hossenlopp et al., "Analysis of Serum Insulin-like Growth Factor Binding Proteins Using Western Blotting: Use of the Method for Titration of the Binding Proteins and Competitive Binding Studies," <u>Anal. Biochem.</u> , 1986, 154(1):138-143
JR	AZ	Khosla et al., "Insulin-like Growth Factor System Abnormalities in Hepatitis C-associated Osteosclerosis," <u>J. Clin. Invest.</u> , 101(10):2165-2173 (May 1998)
JR	AAA	Le Roith, "Insulin-Like Growth Factors," <u>Seminars in Medicine of the Beth Israel Deaconess Medical Center</u> , 1997, 336(9):633-640
JR	ABB	Liu et al., "Characterization of the High Molecular Weight Insulin-Like Growth Factor Complex in Term Pregnancy Serum," <u>J. Clin. Endocrinol. Metab.</u> , 1992, 75(5):1261-1267
JR	ACC	Liu et al., "Characterization of Proinsulin-Like Growth Factor-II E-Region Immunoreactivity in Serum and Other Biological Fluids," <u>J. Clin. Endocrinol. Metab.</u> , 1993, 76(5):1095-1100
JR	ADD	McKinnon et al., "Expression, purification and characterization of secreted recombinant human insulin-like growth factor-I (IGF-I) and the potent variant des(1-3)IGF-I in Chinese hamster ovary cells," <u>J. Mol. Endocrinol.</u> , 1991, 6(3):231-239
JR	AEE	Powell et al., "Serum Somatomedin Levels in Adults with Chronic Renal Failure: The Importance of Measuring Insulin-Like Growth Factor I (IGF-I) and IGF-II in Acid-Chromatographed Uremic Serum," <u>J. Clin. Endocrinol. Metab.</u> , 1986, 63(5):1186-1192
JR	AFF	Robey and Termine, "Human Bone Cells <i>In Vitro</i> ," <u>Calcif. Tissue Int.</u> , 1985, 37:453-460
JR	AGG	Upton et al., "Characterization and cloning of a bovine insulin-like growth factor-binding protein," <u>J. Mol. Endocrinol.</u> , 1990, 5(1):77-84
JR	AHH	Valenzano et al., "Biophysical and Biological Properties of Naturally Occurring High Molecular Weight Insulin-like Growth Factor II Variants," <u>J. Biol. Chem.</u> , 1997, 272(8):4804-4813
JR	AII	Villareal et al., "Painful Diffuse Osteosclerosis After Intravenous Drug Abuse," <u>Am. J. Med.</u> , 1992, 93:371-381
JR	AJJ	Whitfield et al., "Isolation of a cDNA clone encoding rat insulin-like growth factor-II precursor," <u>Nature</u> , 1984, 312:277-280
JR	AKK	Whyte et al., "Diffuse Osteosclerosis in Intravenous Drug Abusers," <u>Am. J. Med.</u> , 1993, 95:660-662

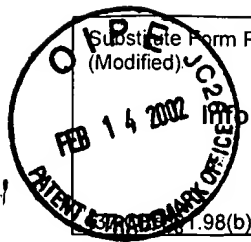
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JR	ALL	Whyte et al., "Doubling Skeletal Mass During Adult Life: The Syndrome of Diffuse Osteosclerosis after Intravenous Drug Abuse," <u>J. Bone Mineral Res.</u> , 1996, 11(4):554-558
JR	AMM	Whyte and Reasner, "Hepatitis C-associated Osteosclerosis after Blood Transfusion," <u>m. J. Med.</u> , 1997, 102:219-220
JR	ANN	Yang et al., "The Expression and Characterization of Human Recombinant Proinsulin-Like Growth Factor II and a Mutant That Is Defective in the O-Glycosylation of Its E Domain," <u>Endocrinology</u> , 1996, 137(7):2766-2773

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